

MANURE NUTRIENT ANALYSIS REPORT



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A subsidiary of Cooperative Resources International

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CENTRAL SANDS DAIRY
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ANALYSIS FOR: CENTRAL SANDS
DATE PROCESSED: 04/11/2013
DATE SAMPLED: 04/04/2013
SAMPLE NUMBER: 22152
MATERIAL: Dairy
SAMPLE TYPE: A
STORAGE SYSTEM: SOLID

DRY MATTER, % 22.10

MOISTURE, % 77.90

Nitrogen (Injected)
Nitrogen(Surface Applied)
Phosphorus as P₂O₅
Potassium as K₂O
Sulfur
Estimated Value of
Available Nutrients

Estimated Available Nutrient Credits			
Total Nutrients lbs/ton	In 1st Year of Application lbs/ton	If Applied 2 Consecutive Yrs lbs/ton	If Applied 3 Consecutive Yrs lbs/ton
7.80	3.12	3.90	4.29
7.80	2.34	3.12	3.51
3.54	2.13	2.48	2.66
5.09	4.07	4.58	4.84
1.06	0.64	0.74	0.80
	\$5.34	\$6.44	\$6.99

MINOR ELEMENTS *3

Calcium:	1.29%	Zinc:	118 ppm
Magnesium:	0.51%	Manganese:	110 ppm
Copper:	225 ppm	Sodium:	0.42%
Iron:	510 ppm		

NH ₄ -N:	0.210%
NO ₃ -N:	0.001%

COMMENTS

- *1 Applications of manure on the same field for 2 consecutive years increases availability of N, P, K, and S by 10%, and for 3 or more consecutive years by 15%. Availability of N changes depending on application technique. Injection or incorporation within 3 days of application results in higher N availability.
- *2 Value based on commercial fertilizer costs as of 08/10/2012.
N (Urea)\$0.74/lb, P₂O₅ (Triple Superphosphate)\$0.71/lb, K₂O (Potash)\$0.48/lb, S (Elemental Sulfur)\$0.23/lb.
- *3 If minor elements are requested, they are reported on a 'dry matter' basis.
If ammonia, nitrate or pH are requested, they are reported on an 'as is' basis.